2024

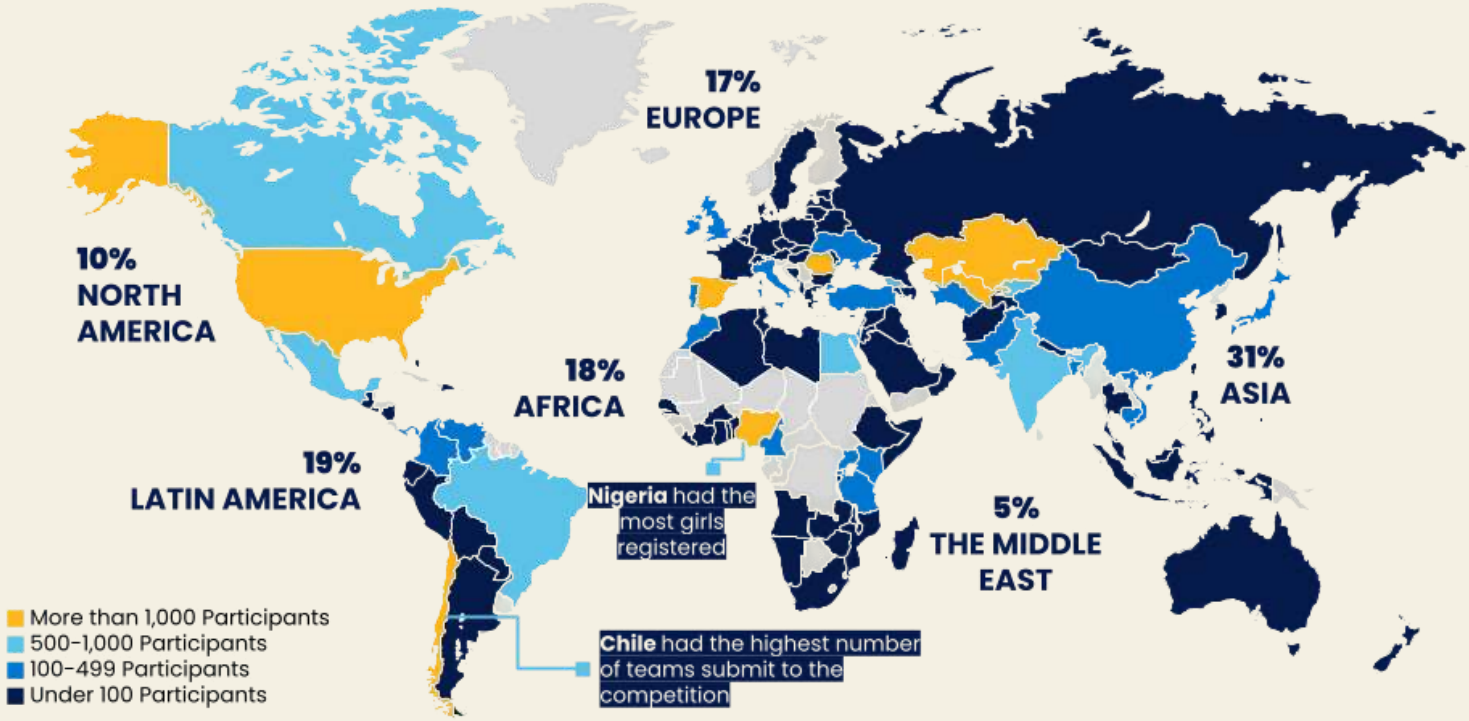
VOLUNTEER

TECHNOVATION

IMPACT REPORT



VOLUNTEERS AROUND THE WORLD
SUPPORTED **31,000** PARTICIPANTS IN 2024



VOLUNTEER TYPES & NUMBER OF DIFFERENT COUNTRIES REPRESENTED

MENTORS	CHAPTERS	CLUBS
112	52	26

JUDGES	STUDENT AMBASSADORS	COACHES
100	26	7

VOLUNTEERS

An integral part of girls' learning journey and Technovation's mission

A key component of the success of our program is the volunteers, like you, who share their time and expertise with the girls. The work you put into creating a positive learning environment gives girls the opportunity to grow as leaders and build their sense of belonging in STEM.

Ambassadors - Chapter, Club and Student build a sense of local community within the program, helping girls find peers and role models with interests similar to their own.

Girls get direct support from **Mentors** and **Coaches** to apply what they are learning to solve a problem that is important to them in their community with technology.

Judges review completed projects sharing encouragement and ideas of how students can grow their projects.

Once they have completed a season, the girls, now alumnae, carry on to champion change in our world. Some return to the program as volunteers, others join the **Alumnae Leadership Board** or are **guest speakers** at high profile events, showcasing the importance and impact of their voice.

Through research and our 17 years of experience, Technovation has seen the great difference that community and support from volunteers have on the girls in the program. This report is further evidence of the immense impact that you as a volunteer have and a testament to for your commitment.

Thank you for your dedication and willingness to learn as you empower girls to become the tech and entrepreneurial leaders of tomorrow.

Technovation volunteers contributed over

200,000 hours

to the United Nations Sustainable Development Goals of Quality Education and Gender Equality during the 2024 season.



AMBASSADORS

Empower girls to be leaders and problem solvers in their lives and their communities!

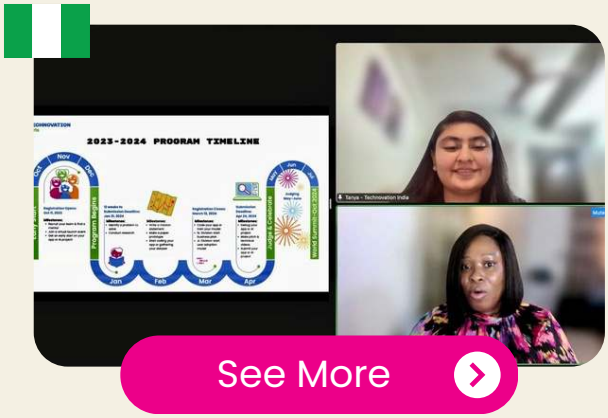


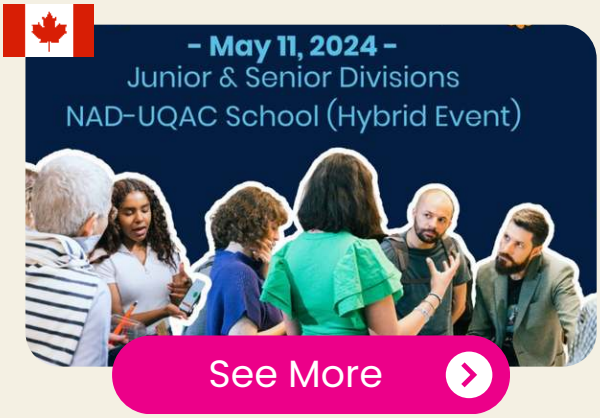






They build a local community for Technovation Girls and volunteers to connect and learn as they participate in the global competition and community.





CHAPTER AMBASSADOR

Chapters are led by organizations, with a designated leader called a Chapter Ambassador. They run the Technovation program on a larger scale often through a "train the trainer" model. They are led by an individual or team affiliated with an organization with previous experience in program implementation.

133

Total Chapter Ambassadors in 2024

52

Countries Represented by Chapters

109

Unique Chapters in 2024

60,280

Volunteer Hours

How Technovation Supports Chapter Ambassadors

Learning

monthly training councils, tailored resources, dedicated support

Community

virtual regional and global meet-ups, Slack and Linkedin Groups, Peer Support Program

Sustainability

support completing grant applications, direct funding, facilitating corporate connections



"This year we had more than 100 girls who entered STEM careers in prestigious universities in our country and we also had a student who entered a program at Yale and a student who entered John Hopkins"

– Constanza Diaz Carvajal, Chile

CLUB AMBASSADOR

Clubs are led by individual volunteers called Club Ambassadors who run Technovation with girls in a community. Club Ambassadors can be parents, teachers, industry professionals, university students, or any involved community member. They coordinate programming by recruiting and supporting adult Mentors to work with multiple student teams.

66

Total Club Ambassadors in 2024

26

Countries Represented by Clubs

1,394

# of girls engaged in 2024 (estimate)

8,650

Volunteer Hours

Club Ambassador Support and Growth Opportunities

Club-specific resources

live and on demand training, tailored resources including a fundraising toolkit

Communication

newsletter and Slack community, 1:1 check-ins with staff

Community Building

virtual networking, access to peer learning

The program's impact is felt by our Ambassadors as much as the girls who participate.

"During the demo day event, one of the sessions is inviting the Mentors shared how hard work these girls did in addition to their existing heavy loading at school. It was a very touching and warm moment. Mentors even encouraged these girls to be the future Mentors to pass the spirit forward. We all are cross-fingered and looking forward to good news of the regional and global competition result, hope we can amplify this spirit and make bigger impacts next year!"

-Jerry Wang, Taiwan



STUDENT AMBASSADOR

Student Ambassadors are peer leaders in their community. They are Technovation Alumnae who help recruit new participants to Technovation, mentor and guide teams throughout the season, and learn skills that will help them succeed in the future.

115
Student Ambassadors in 2024

26
Countries Represented by Student Ambassadors

4,600
Volunteer Hours

How Technovation Supports Student Ambassadors

Communication

- Dedicated email for support to answer questions
- Discord channel for connection to the Student Ambassdor communitty and Technovation staff

Community Building

- Added Student Ambassadors to the website to better highlight the opportunity
- End of Season Celebration

2025 NEW NEW NEW NEW

We are revamping the Student Ambassador program to offer more concrete training in leadership development, project management, communication, and problem solving.

"My confidence grew so much as a student ambassador and I was so inspired by the girls that I had the courage to apply to other STEM competitions."
– Student Ambassador from the United States

"Being from an underserved community, I wanted to bring more opportunities for girls to my hometown. I am able to do that as a student ambassador."
– Student Ambassador from Uzbekistan

Student Ambassador End of Season Celebration

We had a blast celebrating at the Student Ambassador End of Season Celebration! The event included a very fun trivia game, breakout rooms to connect, a heartfelt appreciation moment with staff videos, and sharing the exciting news that Student Ambassadors will be featured on the Technovation website!

TEAM SUPPORT

Includes Mentors, Coaches, and Judges. These volunteers support girls in their project development and learning journeys!



"Being a Mentor in Technovation Girls has been an **incredibly enriching experience**. Each girl brings something unique, and the process has consistently taught me new perspectives and approaches. The **diversity of ideas and the creativity of the participants are truly inspiring**.

One of the things I appreciate the most is that **being a Mentor in this program constantly pushes me to learn**. In order to guide and assist the girls, I've had to acquire new knowledge and skills, ranging from technical tools to problem-solving methods. This not only benefits the participants but also **allows me to expand my own horizons and stay current in a rapidly evolving technological landscape**.

Furthermore, **collaborating with other Mentors** and the community within Technovation Girls creates **an atmosphere of support and mutual learning**, making the experience even more rewarding. I would recommend this program to any colleague interested in contributing to the development of STEM skills in girls and in growing professionally through a meaningful and challenging experience."

- 2024 Technovation Mentor



Judging party with NVIDIA & ServiceNow in May 2024

"I've been participating in Technovation since I joined Shopify in late 2020. This year, I took a step back from mentoring and started doing coaching. I was privileged enough to work with teams from Brazil and Malaysia, and it was really impactful to learn about the problem space they were working in. One team was developing an app to help bring STEM learning to schools that couldn't afford traditional STEM teaching materials. Another group was looking to help doctors and nurses better manage patient IVs. Both groups were in the middle school division. Their passion and their creativity was awesome to see. I think I had as much fun in the sessions learning from them as they did from me, if not more."

- Nikki McGrath, Coach 2024

MENTORS

92.5% of teams that submitted a project to the 2024 season had a Mentor

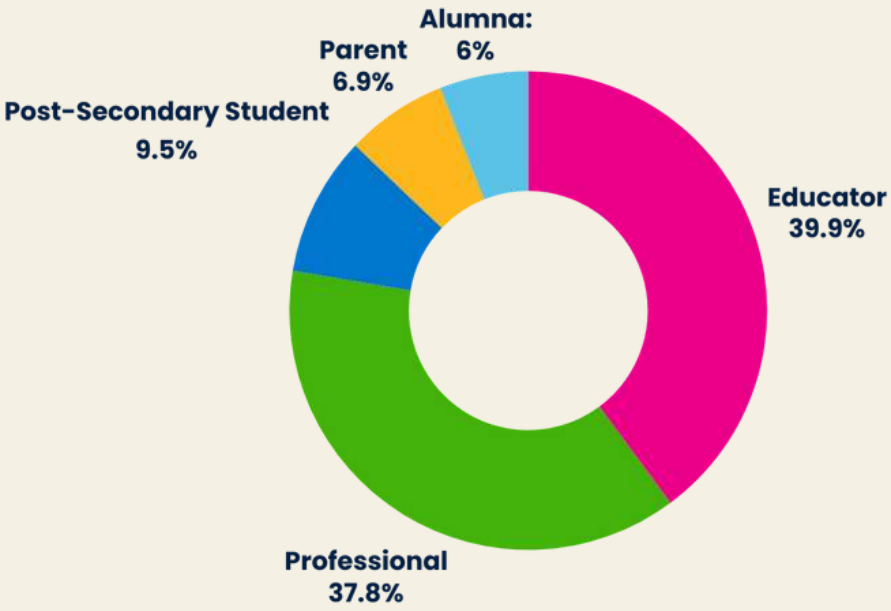
Mentors support one or more teams through the program as they learn about coding, AI, and real-world problem solving. Working with the team, Mentors provide project management support to help keep students motivated and on track for the submission deadline. Where possible, mentors also connect them to additional resources to enhance their learning.

4,000
Mentors on teams in 2024

14,700
# of students connected with Mentors in 2024

112
countries with Mentors

139,700
volunteer hours



How Technovation supports Mentors

- Dedicated email for support questions
- Slack channels for connection and questions with Technovation Staff and other volunteers
- Office Hours during onboarding with Technovation Staff
- Tailored newsletter, highlighting program milestones and resources new to the program
- Mentor curriculum
- Updated Mentor Training
- Mentor and team matching support as needed or requested

NEW Video Content

In 2024, we expanded the resources provided to Mentors with video resources, thanks to a grant from Vodafone.

Mentors contribute to lasting impact and there is a lot to be proud of.
Here is a quote from the Mentor post-season survey:

"I am most proud of the significant progress and growth that my Technovation team achieved this season. Witnessing the girls develop their skills, overcome challenges, and collaborate effectively to create a meaningful solution to a real-world problem has been truly fulfilling. Their dedication, creativity, and enthusiasm throughout the process reflect not only their individual accomplishments but also the strength of our team dynamics. Knowing that I played a part in fostering their learning and empowering them to make a positive impact is a source of great pride for me this season."

COACHES

Introduced in the 2023 season, Coaches are topic specialists who meet with teams for 1 hour to answer questions and provide feedback. Students book time with Coaches in one of the program areas: ideation, coding, entrepreneurship, pitch, and video production. For safety, this volunteer role is exclusively available to Technovation corporate partners.

33	93	128	271
Coaches in 2024	Teams Supported by a Coach	Completed Sessions	Volunteer Hours

How Technovation Supports Coaches

- Dedicated email for support questions
- Slack channels for connection and questions with Technovation Staff and other volunteers
- Updated Coach Training that includes topics, such as common questions from teams, and added session templates

17 Semifinalist teams met with coaches, 2 of those teams were Regional Winners and 4 were Finalists

Coaches spoke English, Cantonese, French, Hindi, Mandarin, Spanish, and Portuguese (BR)

Teams that met with a Coach, were ready to continue building and growing their skills

"Best mentoring session I've had! He helped me understand how to mix my knowledge in order to develop my project. Proposed me a guideline to start programming."

"She really helped me beyond my pitch, reassured me with my project, gave me feedback, offered help in other aspects for Technovation, and we will keep in touch!"

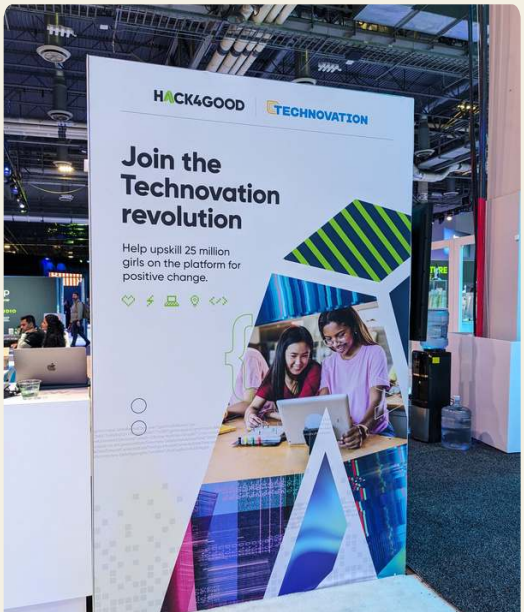
"I loved it, I'm so grateful for the feedback, suggestions to improve and opportunity to continue in contact to speak to a company my project aims to impact."

Coaches from 7 countries and were able to support teams in 29 time zones

This is just the beginning! Technovation is actively working to sustainably expand this program to continue offering at-scale support for teams through coaching.

ServiceNow featured Technovation @ Hack4Good

Attendees prototyped a custom scheduling solution with a user-friendly interface, that could simplify the process of coach onboarding and student-to-coach booking.



JUDGES

Judges provide numeric scores and written feedback to encourage teams to continue building their projects. This happens in person at local Regional Pitch Events or virtually. Judges are asked to review at least 5 submissions from our 3 divisions. Receiving scores and feedback from professionals is a critical pillar of the learning journey for Technovation participants.

2,300
Judges in 2024

14,500+
Scores provided by Judges

12,000
Volunteer Hours

40
RPEs hosted in 2024

100
Countries

Regional Pitch Events

Regional Pitch Events, or RPEs, allow the local community to celebrate the girls' learning and for girls to showcase their projects. It might also be the only time parents get to see what their daughters have been working on. Additionally, Regional Pitch Events serve as the first round of judging to determine which teams will move through to the semifinal round of judging.



- Brazil
- Canada
- Chile
- Georgia
- Ireland
- Italy
- Kazakhstan
- Mexico
- Nigeria
- Panama
- Portugal
- Romania
- Spain
- Turkmenistan
- United States
- Bolivarian Republic of Venezuela

Top 10 Companies by Judge Engagement
Corporate engagement accounts for over 50% of our Judges

- Ernst & Young (EY)
- Amazon
- Salesforce
- FactSet
- TekSystems
- Parsons
- Thales
- Wipro
- ServiceNow
- Shopify

Judging Events

This handbook was designed to help corporate partners host events with their employees. Judging is a great entry point to learn about Technovation and virtual judging allows you to engage a large group at once.



ALUMNAE IN ACTION

Our alumnae go on to do amazing things within and beyond the Technovation Girls program!

Alumnae → Ethical Hacker @ OnDefend

"It all began when I competed in the Technovation Challenge in highschool to build an app with a team of other girls. I loved the program so much that I began mentoring middle school girls through the competition, and 8 years later, I still believe in the power of starting girls young in technology. Technovation isn't just a coding competition, it teaches girls about entrepreneurship and networking from a young age, so that they are prepared to navigate the job market once they start looking for internships."

Betta Lyon Delsordo (US) at a presentation to World Bank

Alumnae → Program Support Intern @ Technovation

"Working as a program support intern at Technovation has taught me that the most profound lessons in stem education are not through the numbers or the statistics, but through the stories that take my breath away. I've read stories about young girls in Gaza who, amidst all the airstrikes and uncertainty, have coded solutions to help their communities. Despite power outages and limited Internet access, they persist."

Ruvarashe Sadya (Ghana) at the UNESCO Continental Conference on STEM in Africa



Image courtesy of Denise Barria

ALUMNAE LEADERSHIP BOARD

The Technovation Alumnae Leadership Board serves as a governing body for the Technovation Alumnae community and is comprised of representatives from Technovation's most active countries (US, Canada, India, Nigeria, Brazil, Spain, Mexico, Kenya, etc.) They serve as a "voice" for the greater Technovation Alumnae community in helping to determine what programs and activities will most support the community. They also help plan and facilitate local and global events, and serve as champions for the Technovation mission.

100
alumnae engaged (estimate)

340
Volunteer Hours

Events hosted by the Alumnae Leadership Board in 2024

- Career Exploration event with Shopify, **Nov 2023**
- Alumnae Global Networking event **(twice per year - January & July)**
- Nigeria - Exploring Tech Journey's Meet-up **(June 26)**
- Canada - In person networking event with Shopify **(August 7)**
- LinkedIn Rock Your Profile - **August 16**

BOARD MEMBERS


Ana, Canada


Celsia, India


Emerald, Nigeria


Maryam, Nigeria


Pooja, India


Nisha, India


Slava, Canada

Leadership board members hold different roles that represent high need areas of support for the Technovation Alumnae community or greater Technovation ecosystem.

During an alumna's tenure, she will complete, at least one special project and provide occasional support within this high need area. These areas can include:

- Volunteerism projects (Support of SA program & other TG program volunteer roles)
- Internship Resources
- Social Media lead (support with Community Builders program)
- Curriculum projects
- Welcoming new alumnae into the community lead

MORE FROM ALUMNAE IN ACTION

Technovation Slack Moderators

Volunteer Slack Moderators are responsible for ensuring participants get the support they need in their respective help channels for Thunkable, App Inventor or AI.

The Technovation Volunteer Slack is a space for Chapter and Club ambassadors, Mentors, and Coaches to connect, engage with each other and the Technovation team.

The role was open to all volunteers, but alumnae really stepped in to make sure that volunteers had further access to technical support! Thank you to:

Team #help-appinventor
Dorcus, Giovanna, and Jane

Team #help-thunkable
Giovanna

Team #help-ai
Sana, Florence, and Maria

Events featuring Alumnae Voices

November 2023 - International Peace Prize Awards

Alumnae Sofiia Tereshchenko, Anastasiia Feskova and Anastasiia Demchenko founded a refugee-focused non-profit called YCO SVIT.

Supported by their dedicated mentor, Daria Tabunshchyk, with funding from TE Connectivity, and assisted by Shopify's Kaitlin Kerling, this incredible team was the recipient of The International Children's Peace Prize 2023.





March 2024 - CSW: A World of AI Driven Tech: Addressing a Global Talent Gap

Alumnae Sidney Hough, Fatou Yeli Kourouma, and Pasang Wangmo talked about how Technovation has shaped their future and where they are going next!

April 2024 - Earth Day Panel

Alumnae Giovanna Romero, Michelle Muchilwa, and Winnie Msamba sat down with Malia Bachesta Eley from Salesforce to discuss their experiences developing climate related apps during their Technovation seasons and what they are currently working on as sustainability champions. Watch the event on LinkedIn.



RECOGNITION & SUPPORT

It's important to Technovation that volunteers are empowered to continue their work supporting girls. As we expand the reach and scale of our program, we will continue to expand on the ways that we support and recognize members of the volunteer community.

Global Ambassador Leadership Award 2024

This is an annual initiative within Technovation that celebrates exemplary Club and Chapter Ambassadors as individuals who embody outstanding global leadership, foster collaboration, and make impactful program contributions. They serve as inspiring role models within the Technovation community.

2024 Recipients

Alice Stippes Rodriguez
Brazil

Maiko Furuse
Japan

Velma Ngoni
Kenya

Maria Popescu
Romania

Finalist Mentors 2024

Throughout the season, our Finalist teams were supported by dedicated Mentors who guided them through every stage of project development by providing encouragement, navigating challenges and celebrating their achievements. We are deeply grateful for the work of our Finalist Team Mentors, whose support was instrumental in supporting these teams reach the final stage of our global competition.

Aruzhan Nurmanova
Clément Cadieux
Dulce Janet Trujillo Garcia
Elleanor Mustafa Kamal
Estefanía Sandoval
Fathihah Salmizi
Federico Javier Acien
Imen Hamzaoui
Laura Palavecino
Lujan Netri
Nur Fathihah Salmizi
Ruth Osukuku
Sergio Cabrera
Snezhana Zhurkina
Somkenechukwu Chukwudera Mamah
Yosuke Toyota（豊田陽介）
佐原慎也



RECOGNITION & SUPPORT

Program Funding

Funding is a part of the support that is provided by Technovation for the program. Ambassadors receive funds to go towards the program's implementation. This can include increasing access to internet/data, buying devices, supporting transportation, and providing food for events. Other funds go towards chaperones for finalist teams attending World Summit.

$310,000 provided to support program logistics and operations

Thank You

to our partners for their donation of funding

AmeriCorps
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eBay Foundation
EY
FactSet Charitable Foundation
Google
GSR Foundation
Intuitive Foundation
Keysight Technologies Foundation
MetLife
Oracle
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